



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 8345

Bib Data Sheet

SERIAL NUMBER 10/630,387	FILING DATE 07/30/2003 RULE	CLASS 164	GROUP ART UNIT 1725	ATTORNEY DOCKET NO. 03-0981
-----------------------------	---------------------------------------	--------------	------------------------	-----------------------------------

APPLICANTS

Ho Yu, Murrysville, PA;

** CONTINUING DATA *****

** FOREIGN APPLICATIONS *****

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 10/24/2003

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY PA	SHEETS DRAWING 4	TOTAL CLAIMS 13	INDEPENDENT CLAIMS 1
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature _____ Initials _____				

ADDRESS

08840
 ECKERT SEAMANS CHERIN & MELLOTT, LLC
 ALCOA TECHNICAL CENTER
 100 TECHNICAL DRIVE
 ALCOA CENTER, PA
 15069-0001

TITLE

Method of preventing cracking in direct chill cast ingots

FILING FEE RECEIVED 750	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input checked="" type="checkbox"/> All Fees <input checked="" type="checkbox"/> 1.16 Fees (Filing) <input checked="" type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input checked="" type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---